

532153

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
28 October 2004 (28.10.2004)

PCT

(10) International Publication Number
WO 2004/092195 A2

- (51) International Patent Classification: C07K
- (21) International Application Number: PCT/US2004/010832
- (22) International Filing Date: 8 April 2004 (08.04.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/461,474 9 April 2003 (09.04.2003) US
- (71) Applicant (for all designated States except US): ADMIN-
ISTRATORS OF THE TULANE EDUCATIONAL
FUND (US/US); 1430 Tulane Avenue, SL76, New Or-
leans, LA 70112-2699 (US).
- (72) Inventors; and
- (73) Inventors/Applicants (for US only): MO-
HAMADZADEH, Mansour (IR/US); 1430 Tulane Ave.,
SL-78, New Orleans, LA 70112 (US). CURIEL, Tyler
(US/US); 1820 Jefferson Avenue, Apartment 2, New
Orleans, LA 70115 (US). MORRIS, Clady (US/US); 319
Exposition Blvd., New Orleans, LA 70118 (US).
- (74) Agent: ADLER, Benjamin, A.; Adler & Associates, 8011
Candle Lane, Houston, TX 77071 (US).
- (81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, GR, GU, HD, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.
- (84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,
GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).
- Published:
— without international search report and to be republished
upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

WO 2004/092195 A2

(54) Title: DENDRITIC CELL BINDING PROTEINS AND USES THEREOF

(57) Abstract: The present invention provides novel peptides which specifically targets and binds to dendritic cells. Also provided are fusion compositions comprising these peptides and a non-dendritic protein or fragments thereof. Further provided are DNA sequences encoding these peptides and fusion compositions. Methods of using the peptides or fusion compositions to promote an immune response in an individual via administration also are provided.